

Title (en)

AN ANTHRACYCLINE ANTIBIOTIC AND A PHARMACEUTICAL COMPOSITION CONTAINING THE SAME

Publication

EP 0025713 B1 19831102 (EN)

Application

EP 80303231 A 19800915

Priority

JP 11804479 A 19790914

Abstract (en)

[origin: JPS5643293A] NEW MATERIAL:Antibiotic FA-1180A. Properties: amphoteric dark red powder; melting point: 186-188 deg.C; elemental analysis values: C 60.9%, H 6.2%, N 2.4%. Antibiotic FA-1180 B. Properties: amphoteric dark red powder; melting point: 198-215 deg.C; elemental analysis values: C 59.9%, H 5.4%, N 2.3%. Antibiotic FA-1180 C(as a hydrochloric acid salt). Properties: amphoteric red powder; melting point: 184-187 deg.C; elemental analysis values: C 57.1%, H 5.1%, N 2.6%, and their salts. USE:An antibacterial agent and carcinostatic. Extremely effective against various kinds of Gram-positive bacteria. PROCESS:A strain of actinomycete FA-1180 (FERM-P 5155) is subjected to liquid cultivation, and the desired substance is extracted from the filtrate or mold using a solvent or an adsorbent, and purified to give antibiotics FA-1180 A, B, or C.

IPC 1-7

C07H 15/24; A61K 31/70

IPC 8 full level

C07G 11/00 (2006.01); **A61K 35/74** (2006.01); **A61P 31/04** (2006.01); **A61P 35/00** (2006.01); **C07H 15/252** (2006.01); **C12P 1/06** (2006.01); **C12P 19/56** (2006.01); **C12R 1/01** (2006.01); **C12R 1/03** (2006.01)

CPC (source: EP US)

A61P 31/04 (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **C07H 15/252** (2013.01 - EP US); **C12N 1/205** (2021.05 - EP US); **C12P 19/56** (2013.01 - EP US); **C12R 2001/03** (2021.05 - EP US)

Citation (examination)

J. Antibiotics, 30, 619-21, 1977

Cited by

EP0376177A3; US5147860A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0025713 A1 19810325; EP 0025713 B1 19831102; AR 223547 A1 19810831; DE 3065470 D1 19831208; JP S5643293 A 19810421; JP S6217597 B2 19870418; US 4387218 A 19830607

DOCDB simple family (application)

EP 80303231 A 19800915; AR 28245480 A 19800909; DE 3065470 T 19800915; JP 11804479 A 19790914; US 29925981 A 19810903